



Docket No.: 15675.P366

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Joseph Zyss et al.

Serial No.: 09/889,769

Filed: September 24, 2001

For: **METHOD FOR PHOTOGRAPHIC
RECORDING OF AT LEAST A
LINEAR AND/OR NON-LINEAR
OPTICAL PROPERTY A
STRUCTURE COMPRISING AT
LEAST A PHOTOSENSITIVE
MOLECULAR MATERIAL**

Examiner: Mohamedulla, Saleha R.

Art Unit: 1756

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AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the outstanding Office Action mailed September 26, 2003, Applicant elects, with traverse Group I, claims 1-8 and 11.

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (original)

A method of photoinducing and reading at least one non-linear optical property in a structure including at least one photosensitive molecular material, in which said structure is irradiated with at least two mutually coherent write light beams to modify the orientation of the molecules of said molecular material, at least one of said beams being suitable for inducing plural-photon absorption in the material;

characterized in that said structure is an optically confining structure, in that the write beams are parallel to a confinement direction of said structure or oblique relative thereto and distribute the